



WANTED: Aftermarket Car & truck enthusiast with Mechanical Engineering skill set

TRAITS OF A GOOD FIT INCLUDE:

- **An unparalleled passion/obsession for vehicles, understanding of the allure of aftermarket parts**
- **Practical design/engineering skills in sheet metal, machined parts, and electrical harnesses**
- **Excellent ability to work with others (marketing, sales, procurement, warranty)**
- **Hands on experience working on vehicles – able to fit up prototypes**
- **Marketing video participation – excellent spoken English, as well as a willingness to perform in aftermarket kit installation videos**

We are recognized as a North American leader in design and manufacture of exhaust brakes, intake shut-off valves, engine brakes, as well as air-spring helper kits for light and heavy duty diesel engine vehicles. We are conveniently located in Port Kells (Surrey), BC, blocks from Highway 1, the Golden Ears Bridge, and South Fraser Perimeter Road.

We are currently looking to grow our aftermarket truck parts design team, focusing on:

- Helper Spring Kits (pick-up truck air suspension)
- Air Spring Controls (phone applications for air suspension control)
- Suspension Levelling Kits
- On Board Air Kits (air compressors, air tanks, air horns and accessories)

Responsibilities of a fitting individual will include:

- Design and development of new aftermarket kits (competitor analysis, stress simulation, real life testing, sourcing of prototypes, prototype fit-up, manufacturing review, production drawing creation)
- Creation of installation manuals and videos (establishing installation process, writing installation manuals, working with marketing to script installation videos, performing installations on video)
- Training of marketing, sales and technical support on new products (ensure sufficient understanding of products, as well as their benefits, to those projecting messages to customers)
- Staying on the pulse with customer issues (reviewing warranty and customer complaints, as well as providing engineering support when needed)
- Generation of a project plan, as well as frequent reporting on project status

An ideal fit would possess the following attributes:

- Self-starter – able to establish direction based on limited instructions/high ambiguity, and own a project in entirety
- Team player – works well with others, and shows willingness to build out new relationships/make friends
- Versatile – able to bounce between varying tasks and projects (kit design, sourcing of parts, scheduling of test vehicles, marketing support, design review meetings, etc.)
- Organized – able to keep track of project deadlines, project statuses, costs, kit components, as well as other project documentation



- Technical skills – experienced with sheet metal and machined part design and manufacturing (machining, bending, and welding of aluminum and steel; metal treatment such as anodizing, plating, powder coating)
- Proficient with SolidWorks and engineering drawings (sheet metal, machined parts, GD&T, stress and deflection simulations)
- Excellent spoken English and comfortable in front of the camera
- Mechanical engineering degree, as well as relevant experience

We offer:

- EGBC license mentorship
- Opportunity to participate in patents, publications and conferences
- Opportunity to travel to Europe and Asia
- Competitive compensation
- Excellent health benefits
- RRSP matching
- Contributions towards continued education
- Regular company functions (i.e. BBQ's, bowling, sporting events, annual holiday party, etc.)

We are open to candidates with varying levels of experience – ability to learn, independence/maturity, and cultural fit will have major bearing on candidate selection.

All applications without a cover letter will be ignored – justify how you are a fit for the above.

Please submit your resume via email (as a Word document or a PDF file) to hr@pacbrake.com.

Please include the job title and website (i.e. Aftermarket Mechanical Engineer – www.pacbrake.com) in the subject line of your email, along with salary expectations.

We thank all applicants, however, only those candidates selected for interviews will be contacted.

- Pacbrake Management